

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092721\  
 Data File : VD070478.D  
 Acq On : 27 Sep 2021 15:27  
 Operator : VA/SY  
 Sample : M3908-06RE  
 Misc : 6.14G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SUB-SLAB-06-(6-2.6)RE

Quant Time: Sep 28 04:14:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

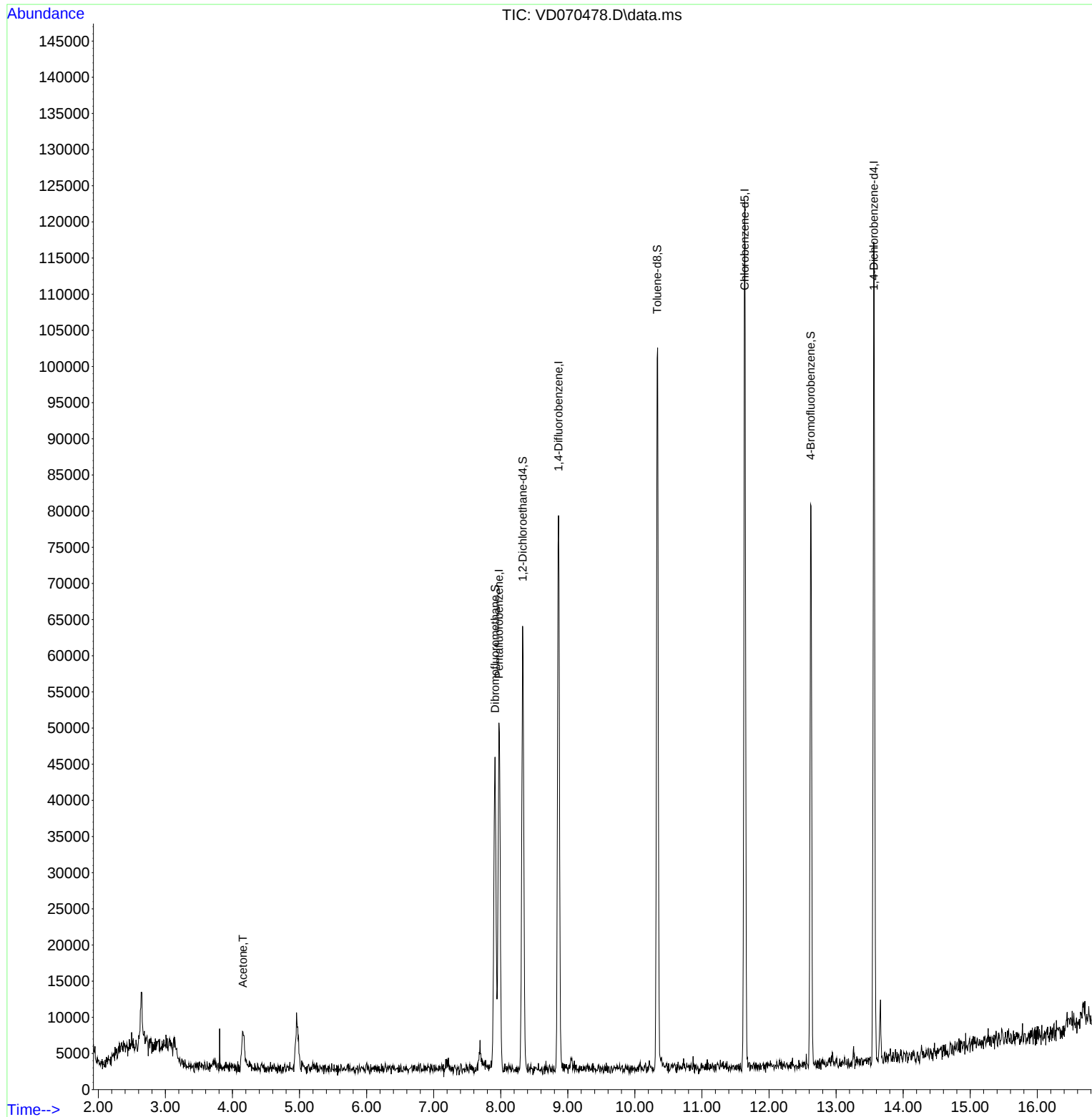
| Compound                    | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min)     |
|-----------------------------|--------|----------------|----------|---------|----------|--------------|
| -----                       |        |                |          |         |          |              |
| Internal Standards          |        |                |          |         |          |              |
| 1) Pentafluorobenzene       | 7.973  | 168            | 34349    | 50.000  | ug/l     | 0.00         |
| 34) 1,4-Difluorobenzene     | 8.861  | 114            | 67614    | 50.000  | ug/l     | 0.00         |
| 63) Chlorobenzene-d5        | 11.638 | 117            | 75086    | 50.000  | ug/l     | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152            | 30661    | 50.000  | ug/l     | 0.00         |
|                             |        |                |          |         |          |              |
| System Monitoring Compounds |        |                |          |         |          |              |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65             | 45175    | 102.426 | ug/l     | 0.00         |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =       | 204.860% | #            |
| 35) Dibromofluoromethane    | 7.914  | 113            | 30975    | 64.359  | ug/l     | 0.00         |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =       | 128.720% |              |
| 50) Toluene-d8              | 10.332 | 98             | 70956    | 40.606  | ug/l     | 0.00         |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =       | 81.220%  |              |
| 62) 4-Bromofluorobenzene    | 12.620 | 95             | 26154    | 42.826  | ug/l     | 0.00         |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =       | 85.660%  |              |
|                             |        |                |          |         |          |              |
| Target Compounds            |        |                |          |         |          |              |
| 16) Acetone                 | 4.156  | 43             | 10576    | 134.311 | ug/l     | Qvalue<br>89 |
| -----                       |        |                |          |         |          |              |

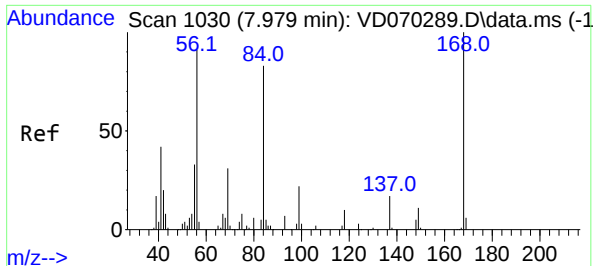
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_D  
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SUB-SLAB-06-(6-2.6)RE

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

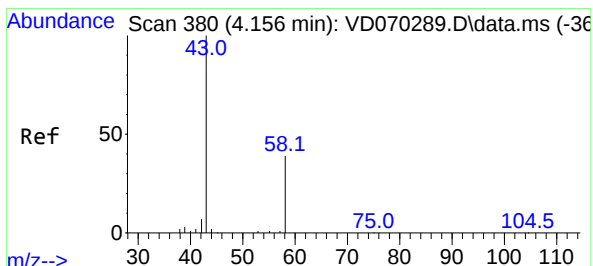
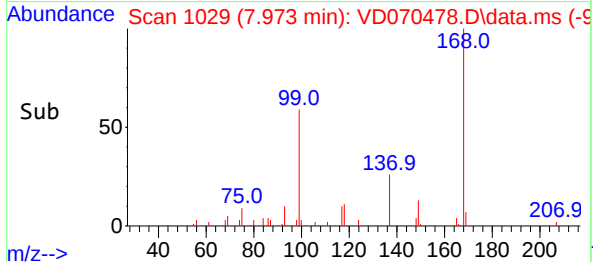
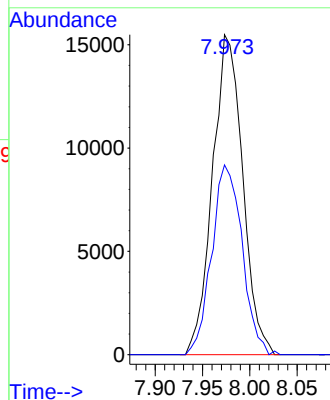
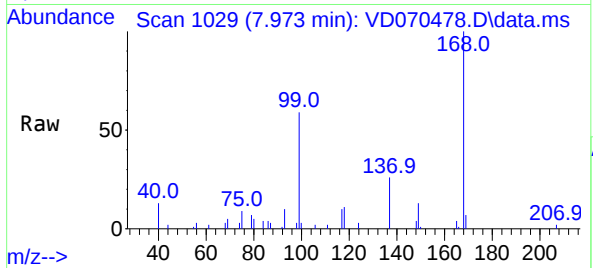




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

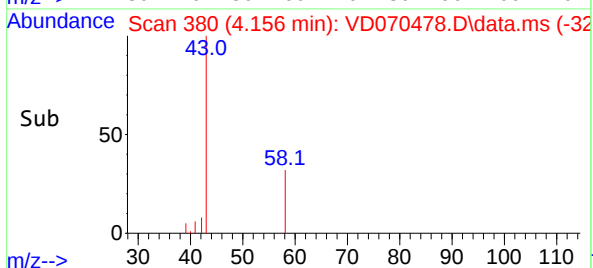
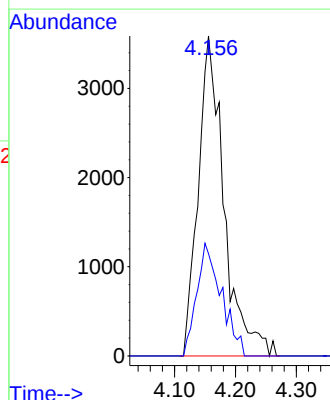
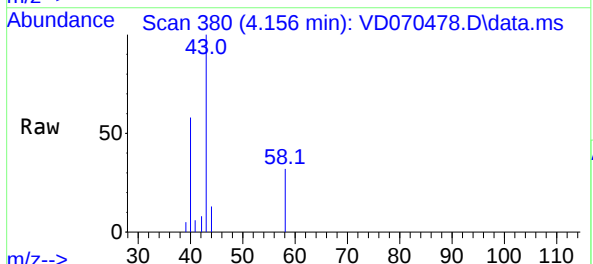
Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-06-(6-2.6)RE

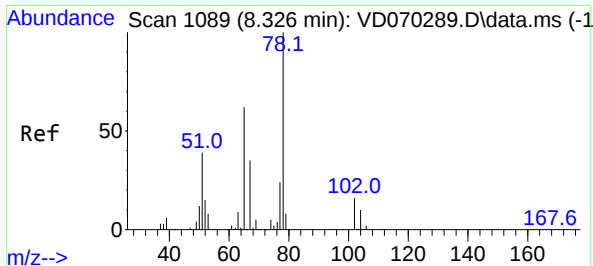
Tgt Ion:168 Resp: 34349  
Ion Ratio Lower Upper  
168 100  
99 59.3 50.8 76.2



#16  
Acetone  
Concen: 134.311 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

Tgt Ion: 43 Resp: 10576  
Ion Ratio Lower Upper  
43 100  
58 31.9 30.9 46.3

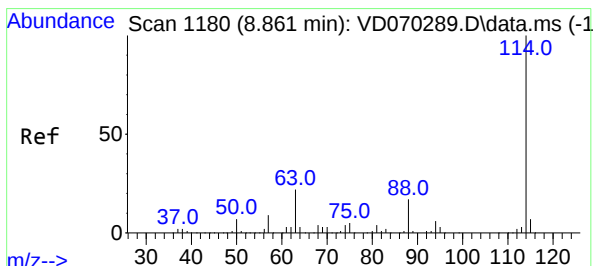
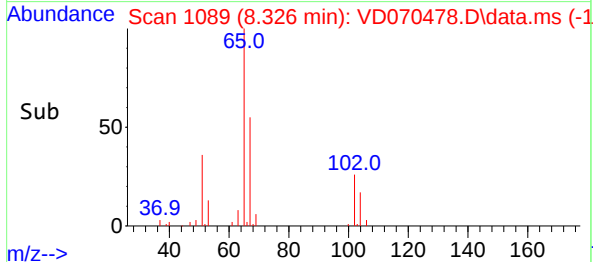
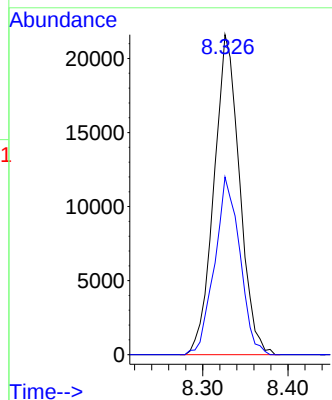
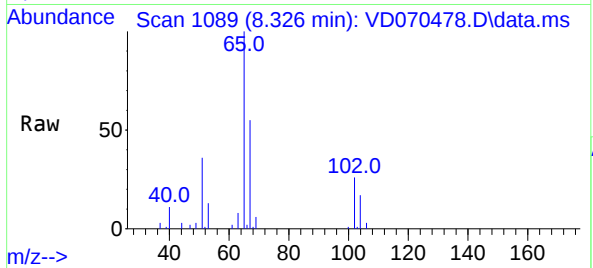




#33  
1,2-Dichloroethane-d4  
Concen: 102.426 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

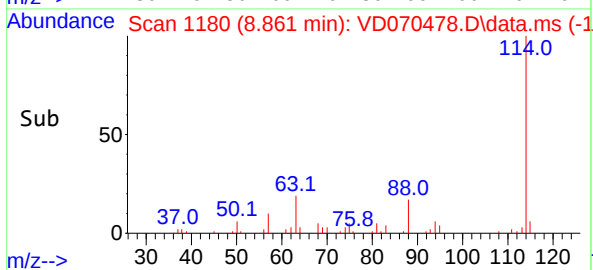
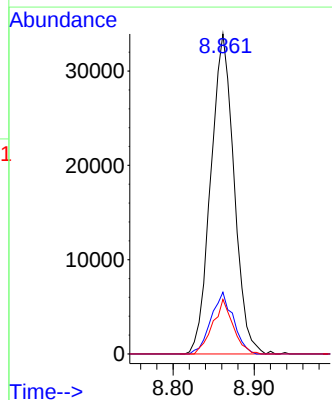
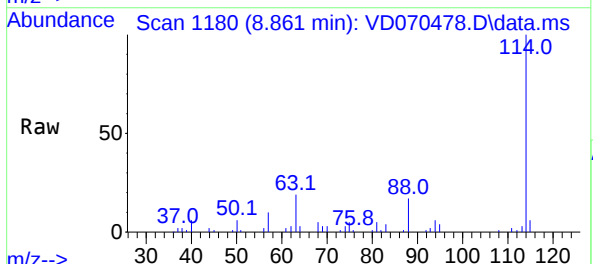
Instrument :  
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ClientSampleId :  
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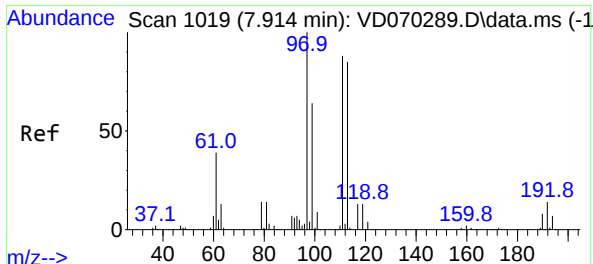
Tgt Ion: 65 Resp: 45175  
Ion Ratio Lower Upper  
65 100  
67 54.7 0.0 111.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

Tgt Ion:114 Resp: 67614  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 43.4  
88 17.1 0.0 33.4



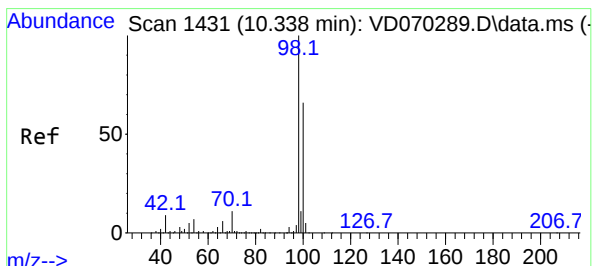
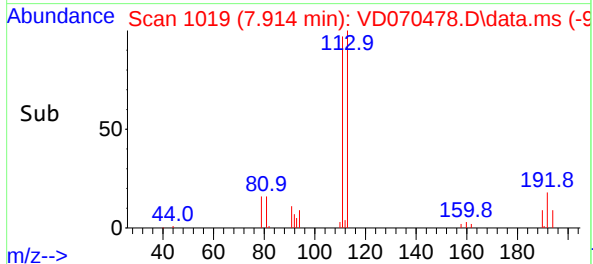
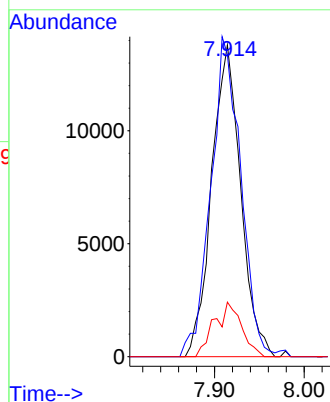
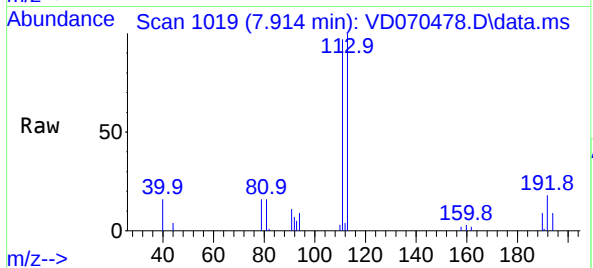


#35  
Dibromofluoromethane  
Concen: 64.359 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-06-(6-2.6)RE

Tgt Ion:113 Resp: 30975

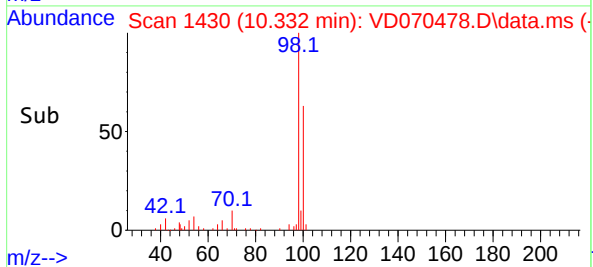
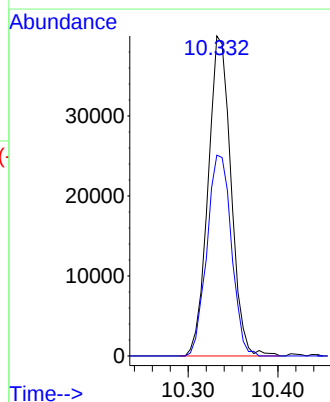
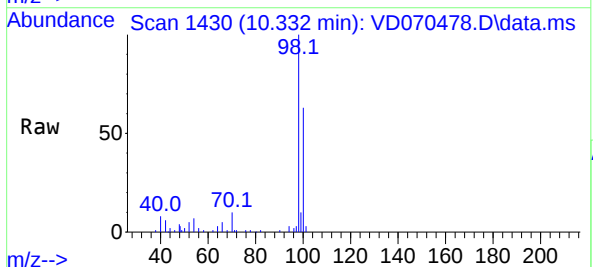
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 105.6 | 81.4  | 122.2 |
| 192 | 16.4  | 13.0  | 19.6  |

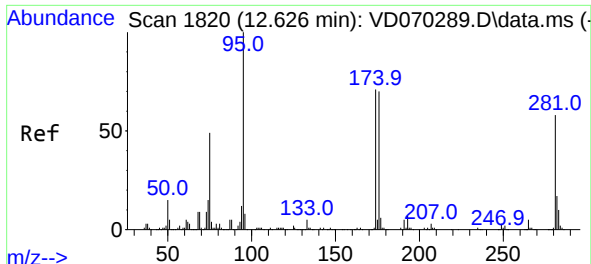


#50  
Toluene-d8  
Concen: 40.606 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

Tgt Ion: 98 Resp: 70956

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 66.9  | 52.0  | 78.0  |

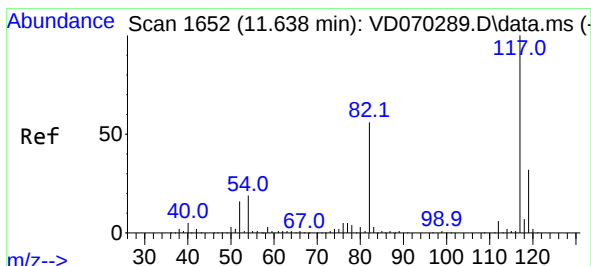
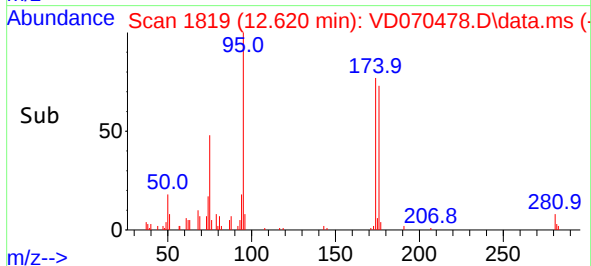
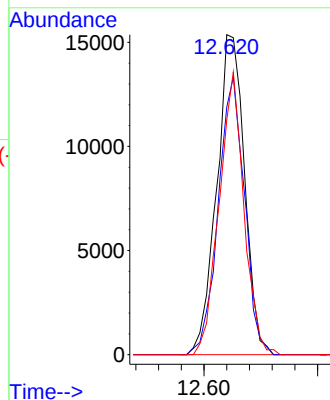
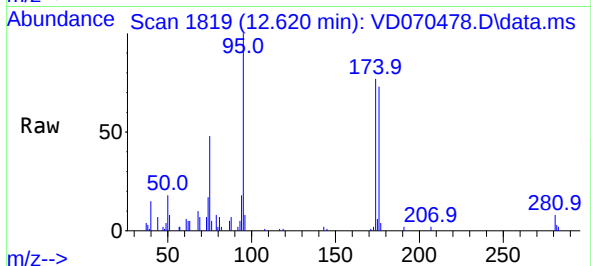




#62  
4-Bromofluorobenzene  
Concen: 42.826 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

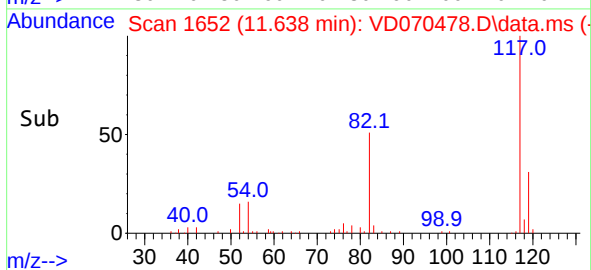
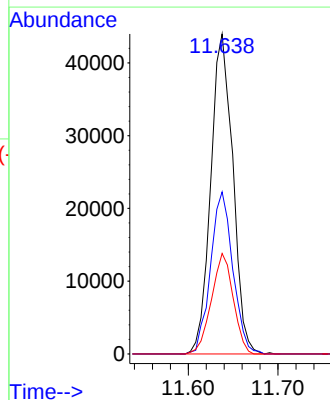
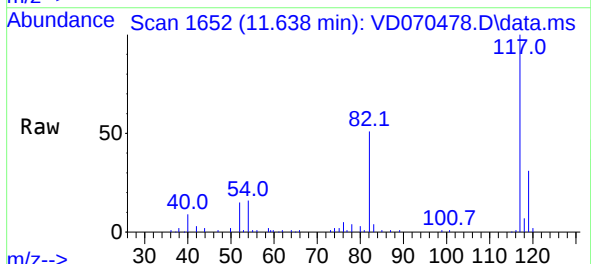
Instrument :  
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ClientSampleId :  
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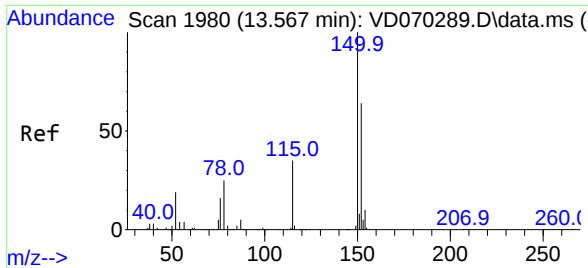
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 26154 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 81.7  | 0.0   | 140.6 |
| 176       | 78.5  | 0.0   | 137.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070478.D  
Acq: 27 Sep 2021 15:27

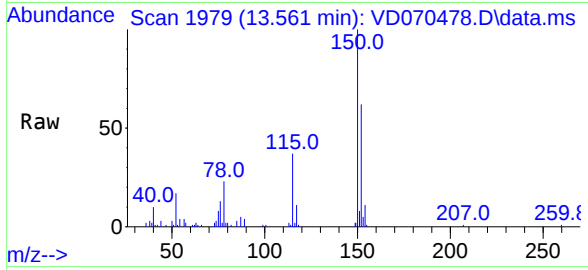
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 75086 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 50.6  | 45.0  | 67.4  |
| 119       | 31.4  | 25.2  | 37.8  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. -0.006 min  
 Lab File: VD070478.D  
 Acq: 27 Sep 2021 15:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SUB-SLAB-06-(6-2.6)RE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 30661 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 62.0  | 32.1  | 96.3  |
| 150      | 159.8 | 0.0   | 350.6 |

